

## BOSTON DIGITAL BRIDGE FOUNDATION



CONNECTING PEOPLE WITH THEIR POTENTIAL

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## ABOUT THE BOSTON DIGITAL BRIDGE FOUNDATION

The Foundation provides technology training and computers to low income families and students by supporting collaborations of community-based organizations and schools that encourage life-changing attitudes in parents and students.

The Foundation brokers relationships between the public and private sectors, supports two high-impact, technology training programs – Technology Goes Home and TechBoston – and assists the Boston Public Schools in attracting alternative sources of capital and support.

## TECHNOLOGY GOES HOME

Technology Goes Home, a ten-week, inter-generational technology-training program targets inner-city families through community collaboratives and the Boston Public Schools. Upon completing the program each family is provided with a brand new computer and printer.

There are three primary goals driving the TGH program: to enhance adult employment opportunities, improve children's academic performance and increase community collaboration.

TGH @ Community currently operates in six Boston neighborhoods – Allston/Brighton, Codman Square, Grove Hall, Mission Hill/Fenway, Lower Roxbury and Uphams Corner Dudley. Over 65 community organizations work together in Neighborhood Technology Collaboratives, along with a full-time project coordinator to select and train families, conduct computer training, follow-up with program participants and to disseminate the computers.

TGH @ School is offered in 14 schools throughout the Boston Public School system. The program is quickly expanding and will eventually be available in all the BPS elementary schools. By conducting TGH through the school system the program's scalability is drastically increased. The potential exists to reach thousands of BPS students.

To date over 560 families have been trained with the TGH curriculum, over 3000 lives have been impacted in just 3 years. Thirty-five percent of graduates report obtaining a new or better job after attending the program while 90% of parents report that their children's schoolwork has improved.

## TECHBOSTON

TechBoston offers advanced technology courses to equip BPS students with high-tech skills essential for success in careers and post-secondary education. Over 4000 students and 150 teachers have received high-tech skills training through courses offered by TechBoston. The Private Industry Council works closely with TechBoston to place students in industry internships with area companies that can benefit from a young, high-tech skilled workforce. Businesses benefit from the students' technical savvy while the students benefit from applying their newly honed skills to real world business applications. TechBoston programs are available in every high school and most middle schools.

TechBoston programs include 3Com Netprep Networking, Web Development, Microsoft Office Specialist, Cisco Networking, C++ Programming and Robotics.

Preliminary data reveals that nearly 80% of TB graduates go on to college versus the BPS district average of 65%.

## TECHBOSTON ACADEMY

TechBoston Academy (TBA) is a new BPS pilot high school that opened in September 2002 designed to integrate technology throughout the curriculum. In addition to taking advanced information technology courses, TBA students will learn to use technology as a tool to assist them in all academic courses. With the help of an academic advisor, TBA students will design an individualized plan of study that takes into account their specific talents and interests. Internships at local companies and community service are requirements for graduation that will allow students to cultivate necessary business and social skills. Students will benefit from having high-tech mentors from the Boston area to work with students on individual and group projects.

Started with funding from the Bill & Melinda Gates Foundation and The Boston Foundation, TBA is a hub laboratory that will be used to model a new approach for all Boston district high schools that will be undergoing radical transformation into small learning communities over the next three years.

## TECHBOSTON CONSULTING GROUP

TechBoston Consulting Group (TCG) is a computer consulting business staffed by TechBoston students and project management is staffed by TechBoston teachers. TCG was formed to give TechBoston students the opportunity to utilize their classroom learning by undertaking actual consulting projects. The TCG web site design division handles projects that include creation and content maintenance utilizing HTML, Flash, Photoshop, Dreamweaver and Javascript. The IT computer support division of TCG focuses on network protocol configuration, PC support, help desk support and Windows 98/2000 and XP administration. Students work on or off site, depending on the clients' needs, and are supervised by TechBoston teachers with extensive technical experience. TCG clients include Boston Community Learning Centers, Unorthodox Marketing, the Boston Digital Bridge Foundation, Bill & Melinda Gates Foundation, Mellon Bank, JP Morgan and Abt Associates.